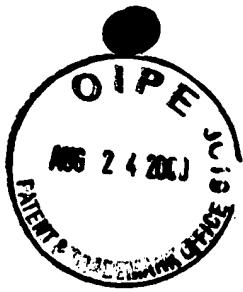




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Form PTO-1449		Docket Number	Application Number		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Applicant			
		Gilbert Hyatt			
		Filing Date	Group Art Unit		
U.S. PATENT DOCUMENTS					
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
	3,629,837	12/1971	Fraunfelder et al	455	38.4
	3,701,019	10/1972	Jackson	340	518
	3,899,662	08/12/75	Kreeger et al	235	151
	3,952,296	04/1976	Bates	345	197
	3,958,220	02/1986	Marshall		
	4,179,586	12/1979	Mathews et al	380	33
	4,188,580	02/1980	Nicolai et al	380	254
	4,188,618	12/1971	Weisbart	340	870.16
	4,494,140	01/1985	Michael	348	415
	4,496,972	01/1985	Lippmann et al		
	4,543,572	09/24/85	Tanaka et al	340	995
	4,600,919	07/1986	Stern	345	473
OTHER DOCUMENTS <small>(including Author, Title, Date, Pertinent Pages, Etc.)</small>					
Meagher, Donald: "Efficient Synthetic Image Generation of Arbitrary 3-D Objects:", 1982 IEEE, pp. 473-478					
Pertinent Concepts in Computer Graphics edited by M. Faiman and J. Nievergelt (03/1969)					
EXAMINER 	DATE CONSIDERED		7/23/01		
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Sheet 1 of 1

Form PTO-1449		Docket Number	Application Number
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		Gilbert Hyatt	
		Filing Date	Group Art Unit

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
<i>[Signature]</i>	3,599,180	08/71	Rubinstein	365	150
	3,641,331	02/72	Kreidermacher	708	624
	4,125,873	11/78	Chesarek		
	4,654,877	03/87	Shimoni, et al.		

OTHER DOCUMENTS <small>(including Author, Title, Date, Pertinent Pages, Etc.)</small>	
Brickman, N.F., <u>LARGE SCALE INTEGRATION</u> , IBM Tech. Discl. Bul. pp. 1927-1928, Vol. 13 No. 7, Dec. 1970 Brickman, N.F., <u>REDUNDANT MEMORY CELL AND DECODER</u> , IBM Tech. Discl. Bul., Vol. 13 No. 7, Dec. 1970	

EXAMINER	DATE CONSIDERED
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Sheet 1 of 1

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Docket Number	Application Number
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	Filing Date	Group Art Unit

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U.S. PATENT DOCUMENTS					
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	2,811,579	10/29/57	Loughren	348	760
	3,649,755	03/14/72	Newman	348	602
	3,786,307	01/15/74	Robinson	315	169TV
	3,895,861	07/22/75	Herndon	352	69
	3,975,661	08/17/76	Kanatani	348	78
	4,006,298	02/01/77	Fowler et al	345	147
	4,087,792	05/02/78	Asars	345	147
	4,160,191	07/03/79	Hausfeld	315	169.4
	4,266,253	03/05/81	Matherat	345	27
	4,357,624	11/19/82	Greenberg	348	578
	4,386,367	05/31/83	Peterson et al	348	446
	4,430,673	02/1984	Salomon et al		
	4,533,950	08/1985	Harshbarger		
	4,589,022	05/13/86	Prince et al	348	602
	4,716,405	12/29/87	Yamaguchi	340	723
	4,766,430	08/23/88	Gillette et al	345	89
	4,827,085	05/02/89	Yaniv et al	345	164
	4,839,743	06/1989	Best et al	386	31
	4,965,559	10/23/90	Dye	340	717
	5,122,791	06/16/92	Gibbons et al	345	102
	5,185,602	02/09/93	Bassetti, Jr. et al	345	89
	5,196,839	03/23/93	Johary et al	340	793
	5,233,340	08/03/93	Yamaguchi et al	345	148
	5,262,698	11/16/93	Dunham	315	169.1

EXAMINER	DATE CONSIDERED
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Sheet 1 of 2

Form PTO-1449		Docket Number	Application Number
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		Gilbert Hyatt	
		Filing Date	Group Art Unit

U.S. PATENT DOCUMENTS					
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
	3,178,148	04/65	McKenna	395	555
	3,252,148	05/66	Mitchell	327	144
	3,532,813	10/06/70	Lechner		
	3,573,852	04/71	Watson	395	677
	3,617,718	11/71	Durmermuth	318	571
	3,676,585	07/11/72	Kaneko et al	178	6.8
	3,702,462	11/72	England	395	821
	3,705,310	12/72	Wild	349	24
	3,732,366	05/08/73	Bolie	340	146.3
	3,742,483	06/73	Ogle	345	69
	3,776,615	12/73	Tsukamoto et al	345	87
	3,781,865	12/25/73	Yamazaki		
	3,899,786	08/75	Greubel et al	345	32
	3,915,548	10/75	Opittek et al	345	87
	4,005,928	02/77	Kmetz et al	345	195
	4,198,630	04/15/80	Sarinken et al		
	4,205,389	05/80	Heartz	345	524
	4,245,248	01/13/81	Netravali et al	358	136
	4,287,529	09/81	Tatami et al	348	616
	4,317,169	02/82	Panepinto, Jr. et al	711	106
	4,427,978	01/24/84	Williams		
	4,581,721	04/86	Gunawardana	365	230.09
	4,591,848	05/27/86	Morozumi et al		
	4,591,902	05/86	Masubuchi	345	147
	4,628,158	12/04/86	Rubin	379	10
	4,677,576	06/30/87	Berlin, Jr. et al	364	522
	4,723,171	02/02/88	Kuijk et al		

EXAMINER	DATE CONSIDERED
<i>John S. Harrell</i>	<i>7/23/01</i>
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Sheet 2 of 2

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

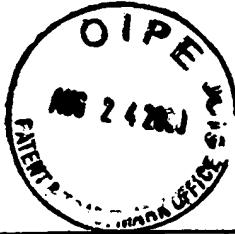
Docket Number	Application Number
Applicant	
Gilbert Hyatt	Group Art Unit

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
	4,771,279	09/88	Hannah	345	147
	4,791,417	12/13/88	Bobak		
	4,930,049	05/29/90	Davenport et al		
	5,124,695	08/23/92	Green		

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <i>Robert Marshall</i>	DATE CONSIDERED <i>7/23/01</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	



Sheet 1 of 1

Form PTO—1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Docket Number	Application Number
	Applicant	
	Gilbert Hyatt	
	Filing Date	Group Art Unit

U.S. PATENT DOCUMENTS					
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
	3,099,781	07/1963	Herchenroeder	318	571
	3,121,861	06/1960	Alexander	345	207
	3,465,298	09/1969	La Duke	364	474.01
	3,576,540	04/1971	Fair	364	138
	3,591,781	07/1971	Brenza	364	474.28
	3,612,976	10/1971	Tripp	364	183
	3,633,013	01/1972	Dummermuth	318	571
	3,653,161	04/1972	Clark	318	569
	3,699,317	10/1972	Middleditch	364	474.29
	3,883,728	05/13/75	Schwartz et al	235	152
	4,553,222	11/1985	Kurland et al	705	15
	4,614,941	09/1986	Jarvis		
	4,679,082	07/1987	Shibasaki	348	466
	4,803,551	02/1989	Park	348	466
	4,820,222	04/1989	Holmberg et al	345	93
	4,829,372	05/1989	McCalley et al	348	7
	4,897,724	01/1990	Veldhuis		
	4,965,825	10/1990	Harvey et al	380	9
	5,081,523	01/1992	Frazier	348	178
	5,867,166	02/02/99	Myhrvold et al	345	419

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

Reft
Foley et al., Computer Graphics: Principles & Practice, p. 4-7, 201-203, 230-231, 350-351, 364-371, 864-871 (1992)

EXAMINER	DATE CONSIDERED
<i>Dick Bunnell</i>	<i>7/23/01</i>
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	Applicant	
	Gilbert Hyatt	
	Filing Date	Group Art Unit

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
<i>ABH</i>	4,533,942	8/1985	Gall et al	358	78
	4,651,287	3/1987	Tsao	364	519

EXAMINER	DATE CONSIDERED
<i>Abdullah</i>	<i>7/23/01</i>
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Form PTO-1449		Docket Number 307	Application Number 07/848,017
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Applicant Gilbert Hyatt	
		Filing Date April 3, 1986	Group Art Unit 2784

U.S. PATENT DOCUMENTS					
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	3,099,781	07/1963	Herchenroeder	318	571
	3,121,861	06/1960	Alexander	345	207
	3,178,148	04/65	McKenna	395	555
	3,252,148	05/66	Mitchell	327	144
	3,465,298	09/1969	La Duke	364	474.01
	3,532,813	10/06/70	Lechner		
	3,573,852	04/71	Watson	395	677
	3,576,540	04/1971	Fair	364	138
	3,591,781	07/1971	Brenza	364	474.28
	3,599,180	08/71	Rubinstein	365	150
	3,612,976	10/1971	Tripp	364	183
	3,617,718	11/71	Dummermuth	318	571
	3,629,837	12/1971	Fraunfelder et al	455	38.4
	3,633,013	01/1972	Dummermuth	318	571
	3,641,331	02/72	Kreidermacher	708	624
	3,649,755	03/14/72	Newman	348	602
	3,653,161	04/1972	Clark	318	569
	3,676,585	07/11/72	Kaneko et al	178	6.8
	3,699,317	10/1972	Middleditch	364	474.29
	3,701,019	10/1972	Jackson	340	518
	3,702,462	11/72	England	395	821
	3,705,310	12/72	Wild	349	24
	3,732,366	05/08/73	Bolie	340	146.3
	3,742,483	06/73	Ogle	345	69
	3,776,615	12/73	Tsukamoto et al	345	87
	3,781,865	12/25/73	Yamazaki		

EXAMINER <i>Robert D. Farrell</i>	DATE CONSIDERED 7/23/01
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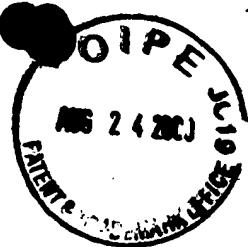
Form PTO—1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Docket Number 307	Application Number 07/848,017
		Applicant Gilbert Hyatt	
		Filing Date April 3, 1986	Group Art Unit 2784

U.S. PATENT DOCUMENTS					
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	3,786,307	01/15/74	Robinson	315	169TV
	3,883,728	05/13/75	Schwartz et al	235	152
	3,895,861	07/22/75	Herndon	352	69
	3,899,662	08/12/75	Kreeger et al	235	151
	3,899,786	08/75	Greubel et al	345	32
	3,915,548	10/75	Opittek et al	345	87
	3,952,296	04/1976	Bates	345	197
	3,958,220	02/1986	Marshall		
	3,975,661	08/17/76	Kanatani	348	78
	4,005,928	02/77	Kmetz et al	345	195
	4,006,298	02/01/77	Fowler et al	345	147
	4,087,792	05/02/78	Asars	345	147
	4,125,873	11/78	Chesarek		
	4,160,191	07/03/79	Hausfeld	315	169.4
	4,179,586	12/1979	Mathews et al	380	33
	4,188,580	02/1980	Nicolai et al	380	254
	4,188,618	12/1971	Weisbart	340	870.16
	4,198,630	04/15/80	Sarinken et al		
	4,205,389	05/80	Hertz	345	524
	4,245,248	01/13/81	Netravali et al	358	136
	4,266,253	03/05/81	Matherat	345	27
	4,287,529	09/81	Tatami et al	348	616
	4,317,169	02/82	Panepinto, Jr. et al	711	106
	4,357,624	11/1982	Greenberg	348	578
	4,386,367	05/31/83	Peterson et al	348	446
	4,427,978	01/24/84	Williams		
	4,430,673	02/1984	Salomon et al		
	4,494,140	01/1985	Michael	348	415

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		Applicant Gilbert Hyatt			
		Filing Date April 3, 1986	Group Art Unit 2784		
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	4,496,972	01/1985	Lippmann et al		
	4,533,942	8/1985	Gall et al	358	78
	4,533,950	08/1985	Harshbarger		
	4,543,572	09/24/85	Tanaka et al	340	995
	4,553,222	11/1985	Kurland et al	705	15
	4,581,721	04/86	Gunawardana	365	230.09
	4,589,022	05/13/86	Prince et al	348	602
	4,591,848	05/27/86	Morozumi et al		
	4,591,902	05/86	Masubuchi	345	147
	4,600,919	07/1986	Stern	345	473
	4,614,941	09/1986	Jarvis		
	4,628,158	12/04/86	Rubin	379	10
	4,651,287	3/1987	Tsao	364	519
	4,654,877	03/87	Shimoni, et al.		
	4,677,576	06/30/87	Berlin, Jr. et al	364	522
	4,679,082	07/1987	Shibasaki	348	466
	4,716,405	12/29/87	Yamaguchi	340	723
	4,723,171	02/02/88	Kuijk et al		
	4,766,430	08/23/88	Gillette et al	345	89
	4,771,279	09/88	Hannah	345	147
	4,791,417	12/13/88	Bobak		
	4,803,551	02/1989	Park	348	466
	4,820,222	04/1989	Holmberg et al	345	93
	4,827,085	05/02/89	Yaniv et al	345	164
	4,829,372	05/1989	McCalley et al	348	7
	4,839,743	06/1989	Best et al	386	31
	4,897,724	01/1990	Veldhuis		
	4,930,049	05/29/90	Davenport et al		
EXAMINER	<i>John B. Hall</i>		DATE CONSIDERED	<i>4/23/01</i>	
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Form PTO-1449		Docket Number 307	Application Number 07/848,017
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		Filing Date April 3, 1986	Group Art Unit 2784

U.S. PATENT DOCUMENTS					
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	4,965,559	10/23/90	Dye	340	717
	4,965,825	10/1990	Harvey et al	380	9
	5,081,523	01/1992	Frazier	348	178
	5,122,791	06/16/92	Gibbons et al	345	102
	5,124,695	08/23/92	Green		
	5,185,602	02/09/93	Bassetti, Jr. et al	345	89
	5,196,839	03/23/93	Johary et al	340	793
	5,233,340	08/03/93	Yamaguchi et al	345	148
	5,262,698	11/16/93	Dunham	315	169.1
	5,867,166	02/02/99	Myhrvold et al	345	419

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

Foley et al., Computer Graphics: Principles & Practice, p. 4-7, 201-203, 230-231, 350-351, 364-371, 864-871 (1992)
 Brickman, N.F., LARGE SCALE INTEGRATION, IBM Tech. Discl. Bul. pp. 1927-1928, Vol. 13 No. 7, Dec. 1970
 Brickman, N.F., REDUNDANT MEMORY CELL AND DECODER, IBM Tech. Discl. Bul., Vol. 13 No. 7, Dec. 1970
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 Pertinent Concepts in Computer Graphics edited by M. Faiman and J. Nievergelt (03/1969)

EXAMINER		DATE CONSIDERED	7/23/01
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1987

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

307 APR 28 1987

SERIAL NO.

848,017

LIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT

Gilbert P. Hyatt

FILING DATE

April 3, 1986

GROUP

Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BBH	AA	3 0 3 3 4 53	5/62	Lode	235	152	
OBK	AB	3 1 9 7 6 21	7/65	Urquhard	235	152	
QSA	AC	3 4 7 9 4 95	11/69	Malm	235	181	
LW	AD	3 5 1 4 7 57	5/70	Weintraub	235	156	
RJM	AE	3 5 4 4 7 75	12/70	Bergland et al	235	181	
DRH	AF	3 5 8 1 0 78	5/71	Robertson	235	181	
RRH	AG	3 6 3 3 1 70	1/72	Jones	333	70T	
RRH	AH	3 9 0 3 4 01	9/75	Jayant	324	77B	
QSA	AI	3 9 0 6 4 00	9/75	Gooding et al	333	70T	
RJM	AJ	4 0 2 3 0 28	5/77	Dillard	364	726	
RJM	AK	4 0 5 8 7 15	11/77	Niva	364	726	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
						NO
AL						
AM						
AN						
AO						
AP						

OTHER CITED ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DAK	AQ	Nakamura: A digital correlator using delta modulation. IEEE Transactions on Acoustics, Speech, and Signal Processing, June 1976 P 238-243
	AR	
	AS	
	AT	
	AU	
	AV	

EXAMINER

Robert B. Hyatt

DATE CONSIDERED

9/23/81

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<p style="text-align: center;">MAIL ROOM APR 20 1987 PATENT & TRADE MARK OFFICE LIST OF ART CITED BY APPLICANT <small>(Use several sheets if necessary)</small></p>		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 307	SERIAL NO. 848, GROUP 220		
				APPLICANT Gilbert P. Hyatt			
				FILING DATE April 3, 1986	GROUP Not Yet Assigned		
U.S. PATENT DOCUMENTS							
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RBH	AC	3 4 9 6 5 2 9	2/70	Anstry et al	340	15.5 CC	
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RPH	AE	3 6 1 4 6 2 6	10/71	Dillard	325	323	
SPH	AF	3 6 2 9 8 0 0	12/71	Schneider	340	15.5CC	
RPH	AG	3 7 0 1 8 9 4	10/72	Low et al	364	728	
MPT	AH	3 7 1 5 6 6 6	2/73	Mueller	325	42	
RPH	AI	3 7 3 1 2 6 8	5/73	Landrum	340	15.5 DP	
RPH	AJ	3 7 3 2 4 0 9	5/73	Fletcher	364	724	
RPH	AK	3 7 6 7 9 0 7	10/73	Radcliffe, Jr.	364	822	
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	AN						
	AO						
	AP						
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	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
EXAMINER <i>Gilbert P. Hyatt</i>		DATE CONSIDERED <i>9/23/81</i>					
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

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APR 28 1987
Sheet 3 of 10

MAIL		APR 20 1987	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 307	SERIAL NO. 848,017
LIST OF TRADEMARKS CITED BY APPLICANT (If more than one sheet, attach sheets if necessary)				APPLICANT Gilbert P. Hyatt	GROUP 220
				FILING DATE April 3, 1986	GROUP Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ABH	AA	3 7 7 7 1 3 3	12/73	Beck et al	364	728	
ABH	AB	3 8 3 1 0 1 3	8/74	Alsup et al	364	728	
ABH	AC	3 8 7 5 3 9 4	4/75	Shapely	364	604	
ABH	AD	3 8 8 3 7 2 5	5/75	Fort et al	340	15.5 DP	
ABH	AE	3 9 3 5 4 3 9	1/76	Buss et al	364	824	
ABH	AF	3 9 4 9 2 0 6	4/76	Edwards et al	325	42	
ABH	AG	4 0 1 3 9 9 8	3/77	Bucciarelli et al	364	517	
ABH	AH	4 0 3 7 1 5 9	7/77	Martin	325	30	
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

ABH	AQ	Seriff et al., "The Effect of Harmonic...Surface Sources", 4/70, pp. 234-246, Geophysics, vol. 35, #2
	AR	
	AS	
	AT	
	AU	
	AV	

EXAMINER

Albert D. Hall

DATE CONSIDERED

9/23/81

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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APR 2 S 1987
Sheet 10

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO. 307	SERIAL NO. GROUP 220 848,017
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Gilbert P. Hyatt	
				FILING DATE April 3, 1986	GROUP Not Yet Assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA		3 7 7 2 6 8 1	11/73	Skingle	364	607	
AB		3 7 8 9 1 9 9	1/74	Kotwicki	364	602	
AC		3 8 9 4 2 1 9	7/75	Weigel	364	602	
AD		3 7 3 5 2 6 9	5/73	Jackson	328	14	
AE		3 6 2 9 5 0 9	12/71	Glaser	364	724	
AF		3 5 2 1 1 7 0	7/70	Leuthol	364	602	
AG							
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	
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EXAMINER

Adrian Stewart

DATE CONSIDERED

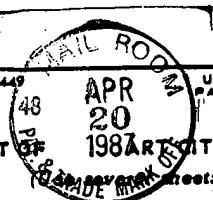
9/23/01

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Sheet 2 of 10

 FORM PTO-1449 (REV. 7-80) 48 LIST OF ARTS 1987 SUBMITTED BY APPLICANT <small>(If several sheets are necessary, make separate sheets if necessary)</small>				U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 307	GROUP 220 848,017	
				APPLICANT Gilbert P. Hyatt			
				FILING DATE April 3, 1986	GROUP Not Yet Assigned		
U.S. PATENT DOCUMENTS :							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AB	2 6 24 87 6						
AB	2 6 7 89 97	5/54	Pulse Transmission				
AB	2 6 8 81 24						
AD	2 7 6 0 1 64						
AE	2 8 0 85 77	10/57	Method of and Apparatus For Determining the Travel Time of Signals				
AF							
AG	2 87 4 79 5						
AH	2 9 1 0 13 4						
AI	3 0 1 1 58 2						
AJ	3 0 1 8 96 2						
AK	3 0 2 4 9 94	3/62	Crosscorrelation Apparatus				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES NO
AL							
AM							
AN							
AO							
AP							
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
AQ	DIGITAL SIGNAL PROCESSING by Robiner and Radner for the IEEE Press (1972);						
AR	THE FAST FOURIER TRANSFORM AND ITS IMPLEMENTATION by Butler and Harvey;						
AS	SEISMIC FILTERING by Rothenburg and Van Nostrand for the Society of Exploration Geophysicists (1971);						
AT	ENCYCLOPEDIC DICTIONARY OF EXPLORATION GEOPHYSICS by Sheriff for the Society of Exploration Geophysicists (1973);						
AU	THE ROBINSON TREITEL READER by Seismograph Service Corp (1973);						
AV	DIGITAL SIGNAL PROCESSING by Oppenheimer and Schafer for Prentice Hall (1974).						
EXAMINER	<i>Gilbert P. Hyatt</i>			DATE CONSIDERED	9/23/01		
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

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APR 8 8 1987

 <small>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</small>				ATTY. DOCKET NO.	SERIAL NO.
				307	8481WP7220
LIST OF ART CITED BY APPLICANT <small>(Attachment sheets if necessary)</small>				APPLICANT	Gilbert P. Hyatt
				FILING DATE	GROUP
				April 3, 1986	Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PAW	AA 3065453					
AB						
AC						
AD						
AE						
AF						
AG						
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
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AP						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	METHODS FOR SOLVING ENGINEERING PROBLEMS USING ANALOG COMPUTERS by Levine for McGraw Hill (1964);
AR	ANALOG COMPUTERS by Korn and Korn;
AS	JUNCTION TRANSISTOR ELECTRONICS by Hurley for John Wiley & Sons (1958)
AT	DIGITAL COMPUTER DESIGN FUNDAMENTALS by Chu for McGraw Hill (1962);
AU	DIGITAL COMPUTER DESIGN by Braun for Academic Press (1963);
AV	THE TTL DATA BOOK by Texas Instruments Inc (1973)

EXAMINER

Robert Bell

DATE CONSIDERED

9/23/01

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 7 of 10

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 307	SERIAL NO. 848,017-220
LIST OF TRADE MARKS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Gilbert P. Hyatt	GROUP
		FILING DATE April 3, 1986	Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
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AN						
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AP						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	PROGRAMMING AND CODING DIGITAL COMPUTERS by Sherman for John Wiley & Sons (1963);
AR	DIGITAL COMPUTER PROGRAMMING by Stark for MacMillian Co (1967);
AS	PROGRAMMING FOR DIGITAL COMPUTERS by Jeenel for McGraw Hill (1959)
AT	IBM 360 PROGRAMMING AND COMPUTING by Golden and Leichus for Prentis-Hall (1967);
AU	FUNDAMENTALS OF FLOWCHARTING by Schriber for John Wiley & Sons (1969);
AV	PROGRAMMING, AN INTRODUCTION TO COMPUTER LANGUAGES by Maurer for Holden-Day (1968)

EXAMINER

John Q. Hall

DATE CONSIDERED

9/23/01

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Sheet 1 of 10

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. 307	SERIAL NO. 848,017
LIST OF TRADE MARKS (use several sheets if necessary)			APPLICANT Gilbert P. Hyatt	
			FILING DATE April 3, 1986	GROUP Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
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AN						
AO						
AP						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[Signature]</i>	AQ	DESIGN OF REAL-TIME COMPUTER SYSTEMS by Martin;
	AR	ELEMENTS OF COMPUTER PROGRAMMING by Swallow and Price for Holt Rinehart, and Winston (1965)
	AS	
	AT	
	AU	
	AV	

EXAMINER

Gilbert P. Hyatt

DATE CONSIDERED

9/23/01

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FORM PTO-1469 (REV. 7-60)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.	SERIAL NO.
		APR 20 1987	LIST OF TRADE MARKS ACCREDITED BY APPLICANT (TRADE MARK sheets if necessary)	307	848,017
			APPLICANT	Gilbert P. Hyatt	
			FILING DATE	GROUP	
			April 3, 1986	Not Yet Assigned	

U.S. PATENT DOCUMENTS :

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						
AB						RECEIVED
AC						APR 28 1987
AD						GROUP 220
AE						
AF						
AG						
AH						
AI						
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
AL						
AM						
AN						
AO						
AP						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	CORRELATION TECHNIQUES - A REVIEW by Anstey for Geophysical Prospecting XII;
AR	THE THEORY AND DESIGN OF CHIRP RADARS by Klauder in the Bell System Technical Journal vol XXXIX no 4 (July 1960)
AS	A CURRENT DISTRIBUTION FOR BROADSIDE ARRAYS WHICH OPTIMIZES THE RELATIONSHIP BETWEEN BEAM WIDTH AND SIDE-LOBE LEVEL by Dolph in the Proceedings of the IRE on Waves and Electrons (June 1946);
AT	
AU	DESIGNERS GUIDE TO DIGITAL FILTERS by Leon and Bass in EDN Magazine (January 1974 - June 1974)
AV	THE SPECTRUM OF CLIPPED NOISE by Van Vleck and Middleton in the Proceedings of the IEEE (January 1966);

EXAMINER

Gilbert P. Hyatt

DATE CONSIDERED

9/23/01

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1249 (REV. 7-4-81) APR 20 LIST OF 1987 (Use several sheets if necessary) <small>TRADE MARKS</small>					U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 307	SERIAL NO. 848,017	
					APPLICANT Gilbert P. Hyatt	FILING DATE April 3, 1986	GROUP Not Yet Assigned	
U.S. PATENT DOCUMENTS :								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA							
	AB							
	AC						<i>RECEIVED</i>	
	AD						APR 23 1987	
	AE						GROUP 220	
	AF							
	AG							
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FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AL							
	AM							
	AN							
	AO							
	AP							
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AQ	CHARGE COUPLED DEVICES AND APPLICATIONS by Carnes and Kosonocky for Solid State Engineering Magazine (April 1974);						
	AR	CHARGE-COUPLED SEMICONDUCTOR DEVICES by Boyle and Smith for the Bell System Technical Journal (1970);						
	AS	EXPERIMENTAL VERIFICATION OF THE CHARGE COUPLED DEVICE CONCEPT by Amelio for the Bell System Technical Journal (April 1970)						
	AT							
	AU							
	AV							
EXAMINER <i>Gilbert P. Hyatt</i>				DATE CONSIDERED 9/23/01				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								

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M.P.Hofly

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FORM PTO-1449 (REV. 7-40)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO. 307		SERIAL NO. 198848,017	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)						APPLICANT Gilbert P. Hyatt		FILING DATE April 1, 1986	
GROUP 220						GROUP 220		GROUP 220	
U.S. PATENT DOCUMENTS									
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME			CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
I.J.L.	AA 4 2 0 9 8 4 3	6/24/80	Hyatt			367	578		
I.J.L.	AB 4 4 8 6 8 5 0	12/4/84	Hyatt			364	724.8		
I.J.L.	AC 4 4 9 1 9 3 0	1/1/85	Hyatt			364	602		
I.J.L.	AD 4 5 5 1 8 1 6	11/5/85	Hyatt			364	728.03		
I.J.L.	AE 4 5 5 3 2 1 3	11/12/85	Hyatt			364	514		
I.J.L.	AF 4 5 5 3 2 2 1	11/12/85	Hyatt			364	724.05		
I.J.L.	AG 4 5 8 1 7 1 5	4/8/86	Hyatt			364	726		
I.J.L.	AH 4 6 8 6 6 5 5	8/11/87	Hyatt			367	59		
AI									
AJ									
AK									
FOREIGN PATENT DOCUMENTS									
DOCUMENT NUMBER	DATE	COUNTRY			CLASS	SUBCLASS	TRANSLATION YES NO		
AL									
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)									
AQ									
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AS									
AT									
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AV									
EXAMINER	IAN LOBO			DATE CONSIDERED			2/10/89		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									